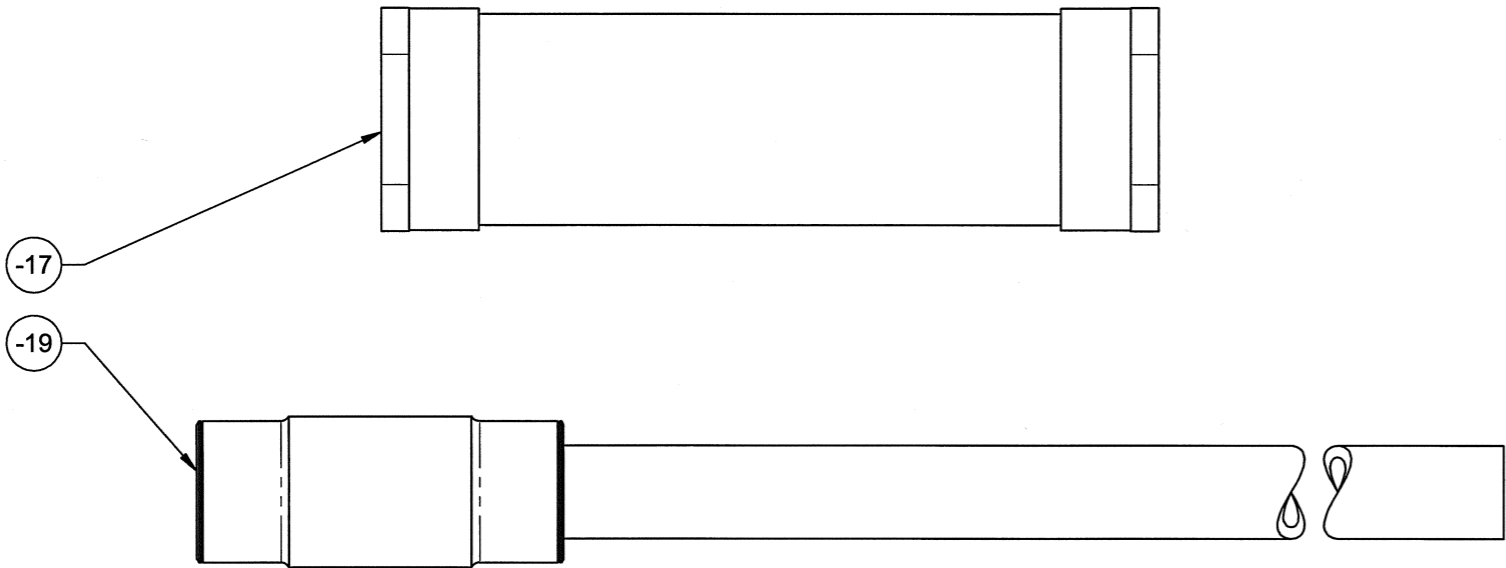


ITEM #	QTY	PART #	PART TITLE
-17	1	RB DB3225C-17	FREE WHEELING CLUTCH DRAIN TOOL QUILL ASSEMBLY
-19	1	RB DB3225C-19	FREE WHEELING CLUTCH DRAIN TOOL HOSE ASSEMBLY



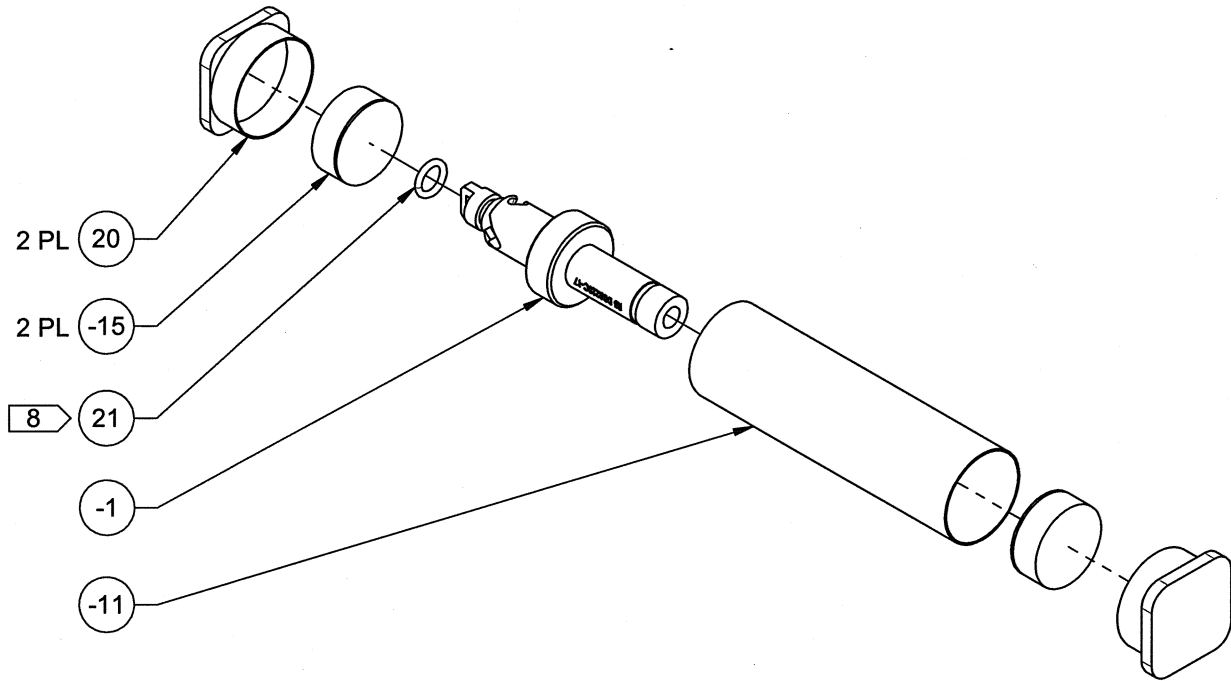
**RB DB3225C FREE WHEELING CLUTCH DRAIN TOOL**

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NOTES:  
1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) IDENTIFICATION: N/A  
7) ASSEMBLE AS SHOWN  
8) PLACE ITEM -19 COILED INTO A TIGHT FITTING SEALED PLASTIC BAG WITH ITEM -17

H	SEE PREVIOUS REVISION FOR MORE INFORMATION		19-619	MBB
	UPDATED DRAWING TEMPLATE			
	ADDED ITEMS -17 & -19			
	-1 ADDED DIM. 0.03 X 45.0° CMF 2 PL			
REV.	DESCRIPTION		ECN #	BY
DESIGN	MBB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	MBB			
CHECKED	KPT	TOOL PART #	REV. H	
MFG. APPR.	DP	RB DB3225C	SHEET 1 OF 6	
APPROVED	WY	TITLE	SCALE	
DATE 3/1/2019		FREE WHEELING CLUTCH DRAIN TOOL	NTS	
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ITEM #	QTY	PART #	PART TITLE
-1	1	RB DB3225C-1	QUILL
-11	1	RB DB3225C-11	TUBE
-15	2	RB DB3225C-15	FOAM
20	2	McMaster#2044T67 OR EQUIV.	VINYL END CAP FOR 1.09" ID. SHIPPING TUBE
21	1	McMaster#9263K642 OR EQUIV.	VITON O-RING 7.8 mm ID. X 11.6 mm OD. X 1.9 mm WD.



**RB DB3225C-17 FREE WHEELING CLUTCH DRAIN TOOL QUILL ASSEMBLY**

NOTES:  
1) MATERIAL: N/A  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) IDENTIFICATION: N/A  
7) ASSEMBLE AS SHOWN  
8) APPLY MOLYKOTE 55 OR EQUIVALENT ON ITEM 21 THEN ASSEMBLE WITH ITEM -1, AND REMOVE EXCESS

DESIGN	MBB	<b>DART AEROSPACE LTD</b>	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. H
MFG. APPR.	DP	<b>RB DB3225C</b>	SHEET 2 OF 6
APPROVED		TITLE	SCALE
DATE <b>3/1/2019</b>		<b>FREE WHEELING CLUTCH DRAIN TOOL</b>	NTS 
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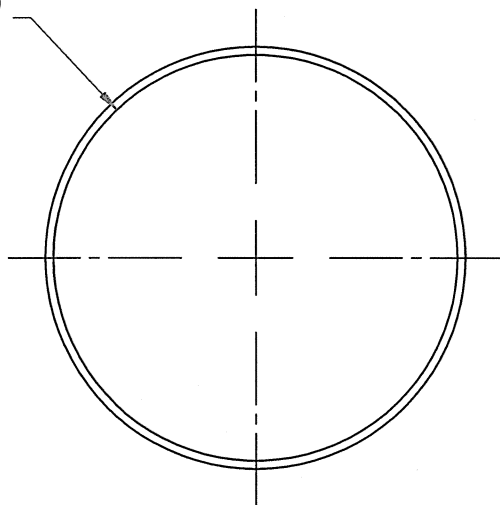
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REF



**RB DB3225C-11 TUBE**



- NOTES:
- 1) MATERIAL: McMaster#2044T67 OR EQUIV. (POLYETHYLENE ROUND SHIPPING TUBE Ø1.09" ID.)
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) REMOVE ALL SHARP EDGES AND BURRS
  - 7) IDENTIFICATION: N/A

DESIGN	MBB	<b>DART AEROSPACE LTD</b>	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. H
MFG. APPR.	DP	<b>RB DB3225C</b>	SHEET 4 OF 6
APPROVED		TITLE	SCALE
DATE <b>3/1/2019</b>		<b>FREE WHEELING CLUTCH DRAIN TOOL</b>	NTS
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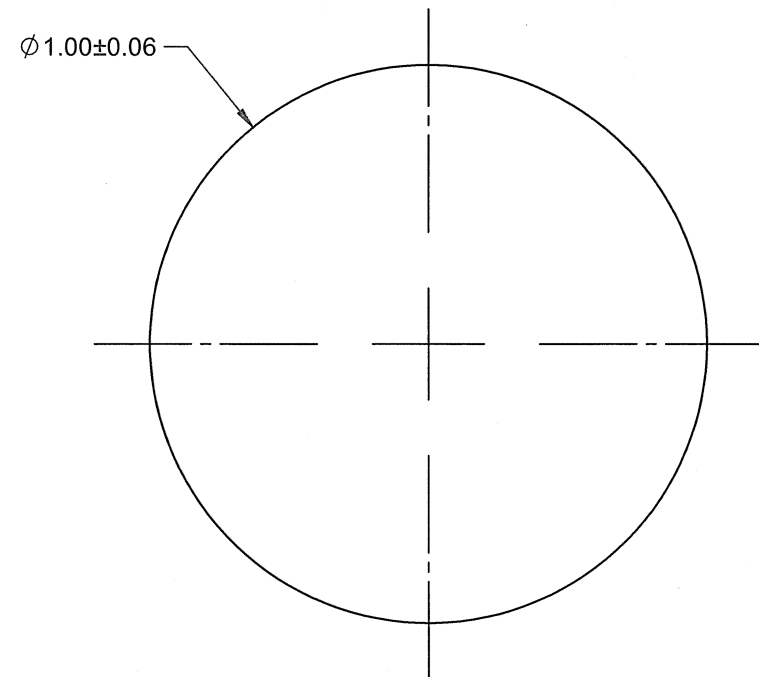
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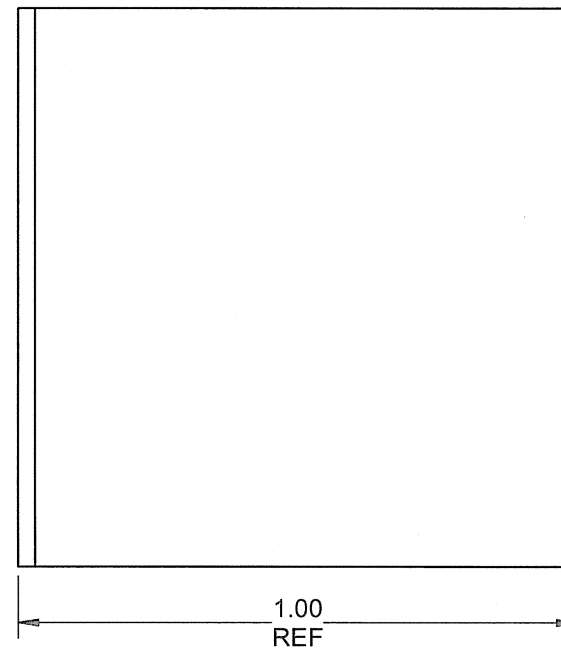
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**RB DB3225C-15 FOAM**



NOTES:

- 1) MATERIAL: NewPig#PAD210 OR EQUIV. (FOAM POLY-BACKED OIL ABSORBENT 1" THK.)  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) IDENTIFICATION: N/A

DESIGN	MBB	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	MBB		
CHECKED	KPT	TOOL PART #	REV. H
MFG. APPR.	DP	<b>RB DB3225C</b>	SHEET 5 OF 6
APPROVED		TITLE	SCALE
DATE <b>3/1/2019</b>		<b>FREE WHEELING CLUTCH DRAIN TOOL</b>	NTS 
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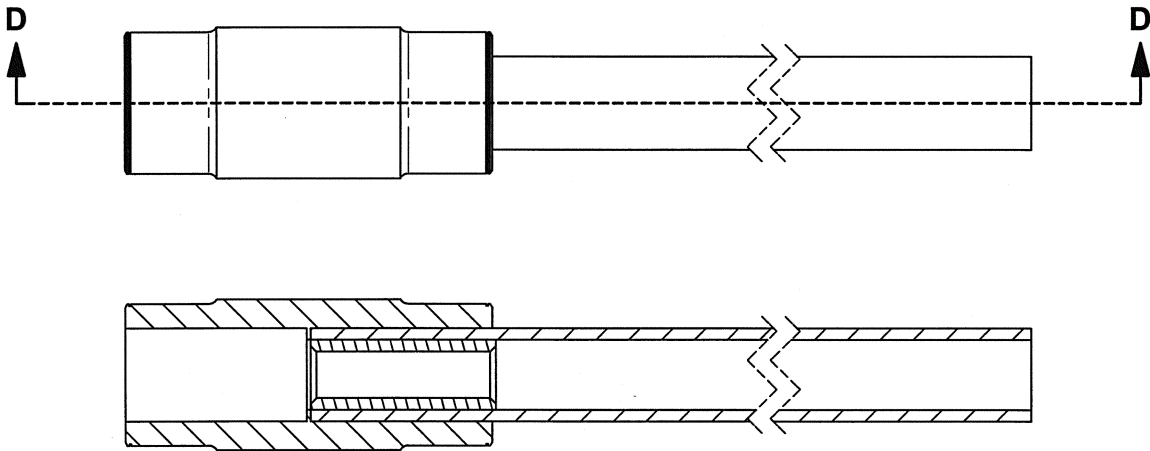
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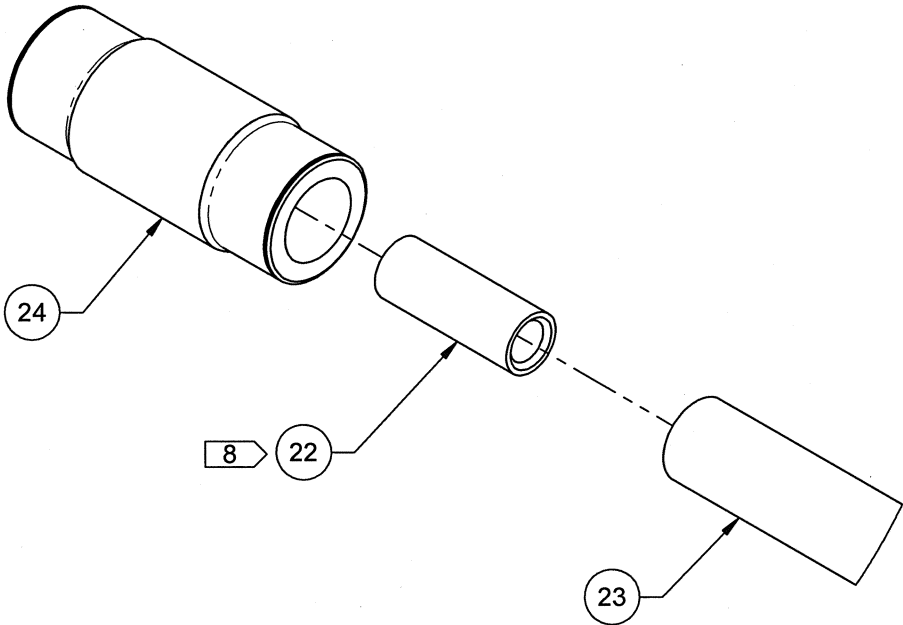
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ITEM #	QTY	PART #	PART TITLE
22	1	DTSP10001	SLEEVE
23	1	Kuri-Tec#K010-0608 OR EQUIV.	CLEAR PVC TUBING 1/2" OD. X 3/8" ID. X 72" LG.
24	1	McMaster#51495K116 OR EQUIV.	NICKEL-PLATED BRASS PUSH-TO-CONNECT 1/2" OD. TUBE FITTING



SECTION D-D



**RB DB3225C-19 FREE WHEELING CLUTCH DRAIN TOOL HOSE ASSEMBLY**

- NOTES:
- 1) MATERIAL: N/A
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) IDENTIFICATION: N/A
  - 7) ASSEMBLE AS SHOWN
  - 8) INSTALL ITEM 22 INTO ONE END OF ITEM 23 UNTIL FLUSH

DESIGN	MBB	<b>DART AEROSPACE LTD</b>	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. H
MFG. APPR.	DP	<b>RB DB3225C</b>	SHEET 6 OF 6
APPROVED		TITLE	SCALE
DATE	3/1/2019	<b>FREE WHEELING CLUTCH DRAIN TOOL</b>	NTS
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